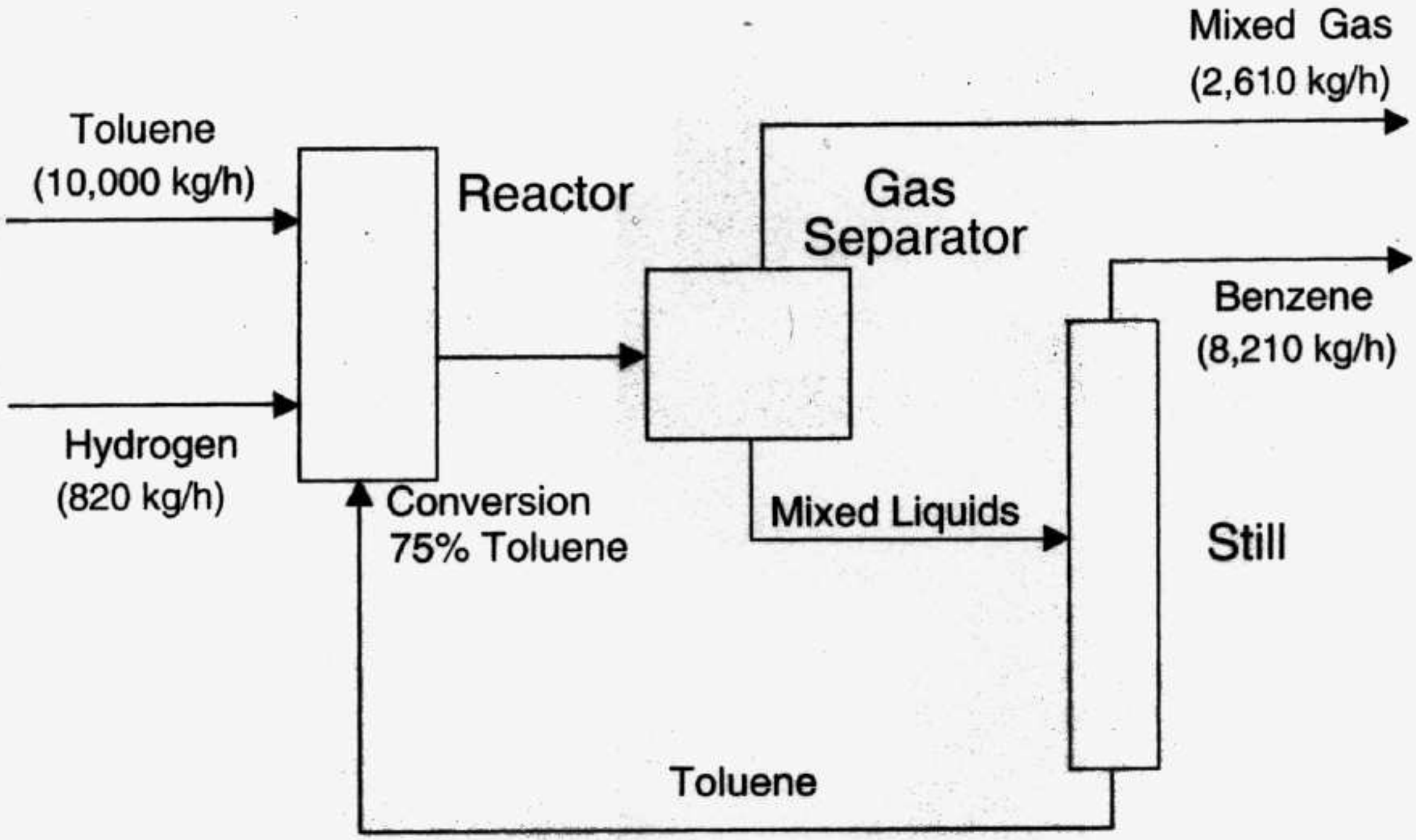

Reaction : $C_7H_8 + H_2 \rightarrow C_6H_6 + CH_4$

Block Flow Process Diagram for the Production of Benzene